

**APCD/AQMD RULE EVALUATION FORM -- Page 1**  
(Electronic Format)**I. GENERAL INFORMATION**District: San Joaquin Valley Air Pollution Control DistrictRule No(s): 4901 Date adopted/Amended/Rescinded: June 20, 2019Rule Title(s): Wood Burning Fireplaces and Wood Burning HeatersDate Submitted to ARB: July 1, 2019If an Amended Rule, Date Last Amended (or Adopted): September 18, 2014Is the Rule Intended to be Sent to the U.S. EPA as a SIP Revision? ☒ Yes ☐ No (If No, do not complete remainder of form)District Contact: Avi Anderson Phone Number: (559) 230-5923 E-mail Address: avi.anderson@valleyair.orgNarrative Summary of New Rule or Rule Changes: ☐ New Rule ☒ Amended Rule

Amendments to Rule 4901 satisfy commitments included in the District's 2018 PM2.5 Plan. The amendments incorporate more stringent curtailment thresholds in Hot Spot areas of the Valley (Madera, Fresno, and Kern counties) and enhanced Valleywide measures including new requirements for significant remodels of a fireplace or chimney that require the removal of open hearth fireplaces or replacement to cleaner devices, only allowing seasoned wood to be burned, enhanced compliance during transfers of residential real property, further restrictions on installations of new wood burning devices, and enhanced visible emission limitations. Details of the adopted changes are in the final draft staff report.

Pollutant(s) Regulated by the Rule (Check): ☐ ROG ☐ (NOx) ☐ SO2  
☐ (CO) ☒ PM ☐ TAC (name): \_\_\_\_\_**II. EFFECT ON EMISSIONS**

Complete this section ONLY for rules that, when implemented, will result in quantifiable changes in emissions. Attach reference(s) for emission factor(s) and other information. Attach calculation sheet showing how the emission information provided below was determined.

Net Effect on Emissions: ☐ Increase ☒ Decrease ☐ N/A

Emission Reduction Commitment in SIP for this Source Category: 0.42 tons/day PM2.5 (annual average); 0.42 tons/day commitment includes regulatory (this rule) and incentive-based measures. The total PM2.5 reductions from the enhanced curtailment is calculated at 0.26 tons per day with an estimated additional reduction of 0.16 tons per day from the proposed enhancements to the District's residential Burn Cleaner Program.

Inventory Year Used to Calculate Changes in Emissions: 2019 Area Affected: SJVAB

Future Year Control Profile Estimate (Provide information on as many years as possible):

Rule 4901 curtailment amendment will reduce PM2.5 emissions in the Valley by 0.13 tons per day in 2019 and 0.26 tons per day for 2020 and each subsequent year.

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Baseline Inventory in the SIP for the Control Measure: 2.82 tons/day PM2.5 (annual average, CEPAM ver 1.05)

Emissions Reduction Commitment in the SIP for the Control Measure: N/A

Revised Baseline Inventory (if any): N/A

Revised Emission Reduction Estimate (if developed): N/A

*Note that the district's input to the Rule Evaluation Form will not be used as input to the ARB's emission forecasting and planning.*

**III. SOURCES/ATTAINMENT STATUS**

District is: ☐ Attainment ☒ Nonattainment ☐ Split

Approximate Total Number of Small (<100 TPY) Sources Affected by this Amendment: N/A

Percent in Nonattainment Area: N/A%

Number of Large ( $\geq$  100 TPY) Sources Controlled: N/A Percent in Nonattainment Area: N/A%

Name(s) and Location(s) (city and county) of Large ( $\geq$  100 TPY) Sources Controlled by Rule *(Attach additional sheets as necessary)*: N/A

**IV. EMISSION REDUCTION TECHNOLOGY**

Does the Rule Include Emission Limits that are Continuous? ☐ Yes ☒ No

If Yes, Those Limits are in Section(s) N/A of the Rule.

Other Methods in the Rule for Achieving Emission Reductions are: N/A

**V. OTHER REQUIREMENTS**

The Rule Contains:

Emission Limits in Section(s): N/A Work Practice Standards in Section(s): N/A

Recordkeeping Requirements in Section(s): 6.0 Reporting Requirements in Section(s): N/A

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**VI. IMPACT ON AIR QUALITY PLAN**

☐ No Impact      ☒ Impacts RFP      ☒ Impacts attainment

Discussion: The total PM2.5 emission reductions from amendments to the District's residential wood burning strategy is estimated at 0.42 tons per day, on an annual average basis. The total PM2.5 reductions from the enhanced curtailment is calculated at 0.26 tons per day with an estimated additional reduction of 0.16 tons per day from the proposed enhancements to the District's residential Burn Cleaner Program.